Index of Claims



Application No.

10/636,074

Examiner

Lori L. Coletta

Applicant(s)

WORLEY, RANDALL

Art Unit

3612

| Rejected | _  | (Through numera<br>Cancelled |
|----------|----|------------------------------|
| Allowed  | Γ. | Doctricted                   |

| - | (Through numeral)<br>Cancelled | N |  |
|---|--------------------------------|---|--|
| + | Restricted                     | _ |  |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| F | A | Appeal   |
|---|---|----------|
|   | 0 | Objected |

| Claim         |          | Date         |              |          |  |  |          |          |              |                |             | Claim Date   |  |          |                 |          |          |           |          |          | Claim Date      |          |          |                 |               |          |          |          | $\neg$   |          |          |          |
|---------------|----------|--------------|--------------|----------|--|--|----------|----------|--------------|----------------|-------------|--------------|--|----------|-----------------|----------|----------|-----------|----------|----------|-----------------|----------|----------|-----------------|---------------|----------|----------|----------|----------|----------|----------|----------|
| <b>⊢</b> ∪ ′′ | 2011     | Uate         |              |          |  |  |          |          |              |                |             | Claim   Date |  |          |                 |          |          |           | <u></u>  |          | Date            |          |          |                 |               |          |          |          |          |          |          |          |
| Finat         | Original | 5/7/04       | 9/9/04       |          |  |  |          |          |              |                | Final       | Original     |  |          |                 |          |          |           |          |          |                 | Finat    | Original |                 |               |          |          |          |          |          |          |          |
| 1             | 1        | u            | n            |          | Г  | Γ  | Π        |          |              |                |             | 51           | Г  |          |                 |          |          |           |          |          |                 |          | 101      |                 | $\neg \vdash$ | T        |          | T        | $\Box$   | T        |          | ヿ        |
| 2             | 2        | =            | 11           |          |  |  |          |          |              |                |             | 52           |  |          |                 |          |          |           |          |          |                 |          | 102      |                 |               | 1        | 7        |          | $\neg$   | $\neg$   | ヿ        | ヿ        |
| 3             | 3        | =            | u            |          |  |  |          | Ī        |              |                |             | 53           |  |          |                 |          |          |           |          |          |                 |          | 103      |                 |               | $\top$   | 7        |          |          | 寸        | 丁        | ヿ        |
| 4             | 4        | =            | 11           |          | _  |  | Г        |          |              |                |             | 54           |  |          |                 |          | $\neg$   |           |          |          |                 |          | 104      |                 |               | 十        | 寸        | 1        | 7        | 寸        | $\top$   | ヿ        |
| 5             | 5        | =            | #            |          |  |  | Г        | T        | Г            |                |             | 55           |  |          |                 |          |          |           |          | $\Box$   |                 |          | 105      | _               | $\neg$        | $\top$   | 十        | 7        | 寸        | T        | 十        | ᅦ        |
| 6             | 6        | =            | =            |          |  |  | T-       |          | _            |                |             | 56           |  |          |                 |          |          |           |          |          |                 |          | 106      | $\dashv$        | $\dashv$      | $\top$   | $\dashv$ | 7        | _        | 寸        | +        | ᅥ        |
| 7             | 7        | =            | =            | _        |  | Т  |          | 1        |              | Н              |             | 57           |  |          |                 |          |          | _         |          | $\dashv$ | $\dashv$        |          | 107      |                 | _             | $\top$   | $\dashv$ | 7        | _        | $\dashv$ | $\dashv$ | ᅥ        |
| 8             | 8        | =            | =            |          |  |  | T        | 一        | $\vdash$     | Н              |             | 58           |  |          |                 | $\neg$   |          | _         | $\neg$   | $\dashv$ |                 |          | 108      |                 | $\dashv$      | $\top$   | 十        | 7        | $\dashv$ | 十        | $\dashv$ | ᅥ        |
| 9             | 9        | =            | =            |          |  | _  | T        | T        | F            | П              |             | 59           |  | _        |                 |          |          |           |          |          | $\dashv$        | -        | 109      | $\dashv$        | $\dashv$      | 十        | 十        | $\dashv$ | $\dashv$ | 寸        | 十        | ᅥ        |
| 10            | 10       | =            | -            | _        | _  | T  | T        |          | T            | П              |             | 60           | _  |          |                 |          |          |           |          |          | $\neg$          |          | 110      | $\vdash$        | _             | $\top$   | 十        | 十        | $\dashv$ | $\dashv$ | 十        | $\dashv$ |
| 11            | 11       | =            | _            | -        |  | $\vdash$   | T        | T        | ┢            | $\Box$         |             | 61           | _  |          |                 |          | $\neg$   | $\neg$    |          |          | $\neg$          | -        | 111      | $\dashv$        | $\neg$        | 十        | 十        | +        | -+       | $\dashv$ | $\dashv$ | ᅱ        |
| 12            | 12       | =            | =            |          | _  | $\vdash$   | ┢        | T        | H            | Н              |             | 62           | $\vdash$   |          |                 | $\neg$   | $\neg$   |           |          |          | $\neg$          |          | 112      | $\dashv$        | $\dashv$      | 十        | 十        | 1        | $\dashv$ | 寸        | $\dashv$ | ᅥ        |
| 13            | 13       | =            | =            |          | $\vdash$   | $\vdash$   | $\vdash$ | 一        | T            | П              |             | 63           |  |          |                 |          |          |           |          |          | $\Box$          |          | 113      |                 | $\neg$        | 十        | ╅        | 7        | 十        | T        | $\dashv$ | ᅥ        |
| 14            | 14       | =            | =            |          | <del>                                     </del> | $\vdash$   | $t^-$    | $\vdash$ | Т            | $\vdash$       |             | 64           | Г  | $\vdash$ | $\vdash$        | $\vdash$ | $\neg$   | _         |          | Н        | $\dashv$        |          | 114      | $\vdash$        | +             | 十        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | ㅓ        |
| 15            | 15       | =            | =            |          | <del>                                     </del> | <del>                                     </del> | T        | 1        | 1            | $\vdash$       |             | 65           | <del>                                     </del> | $\vdash$ | $\vdash$        |          | 一        | ᅱ         |          | $\vdash$ | $\dashv$        |          | 115      | $\vdash$        | $\dashv$      | +        | +        | $\dashv$ | $\dashv$ | +        | $\dashv$ | ㅓ        |
| 16            | 16       | =            | =            |          |  | H  | ┢        | -        | $\vdash$     | $\dashv$       | -           | 66           |  | $\vdash$ |                 |          | $\neg$   | $\neg$    |          | Н        |                 |          | 116      | $\dashv$        | $\dashv$      | $\dashv$ | $\dashv$ | _        | +        | $\dashv$ | $\dashv$ | ㅓ        |
| 17            | 17       | =            | =            |          |  |  | H        |          |              | $\dashv$       | +           | 67           |  | $\vdash$ |                 | $\vdash$ | $\neg$   | _         |          |          |                 | 1        | 117      | $\dashv$        | $\dashv$      | +        | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$ | ┨        |
| 18            | 18       | =            | =            |          | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$ | H            |                | -           | 68           | Н  | $\vdash$ | Н               | $\dashv$ |          | $\neg$    |          | -        | $\neg$          |          | 118      | _               | _             | +        | +        | +        | $\dashv$ |          | $\dashv$ | $\dashv$ |
| 19            | 19       | =            | =            | -        | -  | -  | ╁┈       | -        | <del> </del> | Н              |             | 69           | -  | -        |                 |          | -        | -         |          |          | $\dashv$        | -        | 119      |                 | $\dashv$      | +        | ╅        | $\dashv$ | +        | $\dashv$ | +        | $\dashv$ |
| 20            | 20       | =            | -            |          | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$ | ┰            | Н              | <b>—</b>    | 70           |  | $\vdash$ | Н               |          | -        | -         |          |          | $\dashv$        |          | 120      | $\dashv$        |               | +        | -        | $\dashv$ | -        | $\dashv$ | +        | $\dashv$ |
| 21            | 21       | Х            | =            |          | -  |  | -        | -        | -            | $\dashv$       | <del></del> | 71           | -  | _        | $\dashv$        | -        |          | $\exists$ |          | -        | _               |          | 121      | $\dashv$        | $\dashv$      | +        | +        | +        | $\dashv$ | $\dashv$ | +        | $\dashv$ |
| 22            | 22       | ô            | =            |          | ┢  | ┢  | ┢        | ╁        | ╁            | $\dashv$       | -           | 72           | H  | H        | $\vdash$        | -        |          |           | $\dashv$ | $\vdash$ | $\dashv$        | -        | 122      | -               | +             | +        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$ |
| 23            | 23       | 0            | Ë            |          | -  | ┢  | ╁        | -        | 1            | Н              |             | 73           |  |          | H               | -        |          | -         |          | -        | $\dashv$        | -        | 123      | $\vdash$        | -+            | +        | +        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
| 24            | 24       | 0            | -            |          |  | -  | ├        |          |              | $\vdash$       |             | 74           | -  | -        | Н               |          | $\vdash$ | $\vdash$  | $\dashv$ | Н        |                 | -        | 124      | $\vdash$        |               | +        | +        | $\dashv$ | +        | +        | $\dashv$ | $\dashv$ |
| 25            | 25       | =            | =            |          | -  | ┢  | -        | +        |              | $\dashv$       | -           | 75           | -  | -        | Н               | $\vdash$ | $\dashv$ | $\vdash$  |          | -        |                 | -        | 125      | $\vdash$        | +             | +        | +        | +        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
| 26            | 26       | =            | =            | _        | ┢  | -  | -        | -        | -            | Н              | -           | 76           | -  |          |                 |          |          | -         | -        | Н        | $\dashv$        |          | 126      | $\vdash$        | +             | $\dashv$ | +        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
| 27            | 27       | =            |              | _        | -  | ├  | ╁        | ┼─       |              | $\vdash$       |             | 77           | $\vdash$   | $\vdash$ | Н               | -        | -        | $\dashv$  |          |          | $\dashv$        |          | 127      |                 | $\dashv$      | +        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$ |
| 28            | 28       | =            | -            |          | $\vdash$   | -  | $\vdash$ | -        | -            | H              | -           | 78           | -  |          |                 | $\dashv$ | $\vdash$ | -         | -        | -        | $\dashv$        |          | 128      | $\vdash$        | +             | +        | $\dashv$ | $\dashv$ | -+       | +        | +        | $\dashv$ |
| 29            | 29       | =            | =            |          |  | -  | ╁        | -        | 1            | Н              | -           | 79           |  |          | Н               | -        |          | $\dashv$  | -        |          | $\dashv$        |          | 129      |                 | +             | +        | $\dashv$ | ┰        | ┰        | $\dashv$ | +        | $\dashv$ |
| 25            | 30       | Ε-           | H            |          | _  | ⊢  | ╁        | ┢        | ⊢            | Н              |             | 80           | -  |          | $\vdash$        | $\dashv$ | -        |           |          | $\dashv$ | $\dashv$        | -        | 130      | -               | -+-           | +        | +        | +        | -+       |          | +        | $\dashv$ |
| -             | 31       | -            |              |          |  | $\vdash$   | ⊢        | ╁╌       | ⊢            | H              | -           | 81           | H  |          | -               | -        |          | $\dashv$  |          | -        |                 |          | 131      | $\vdash$        | $\dashv$      | +        | +        | +        | $\dashv$ | $\dashv$ | +        | $\dashv$ |
| <b>-</b>      | 32       |              |              |          | -  | ┝  | ┢┈       | ┢        | -            | Н              | -           | 82           | -  |          | Н               |          | $\dashv$ | -         | $\dashv$ |          | -               |          | 132      |                 | -+            | +        | $\dashv$ | $\dashv$ | +        | +        | +        | 一        |
| <u> </u>      | 33       | _            | -            |          |  |  | ┢        | ┢        | ⊢            | Н              | -           | 83           |  |          | Н               | $\dashv$ | $\neg$   |           |          | -        |                 |          | 133      | -               | -             | +        | +        | $\dashv$ | +        | +        | +        | $\dashv$ |
| <u> </u>      | 34       | $\vdash$     | $\vdash$     | H        |  |  | ┼        | ╁        | -            | $\vdash$       | -           | 84           | ┝  |          | $\vdash$        | $\vdash$ | $\dashv$ | $\dashv$  | $\dashv$ | Н        | $\vdash\vdash$  |          | 134      | $\vdash$        | $\dashv$      | +        | +        | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$ |
| -             | 35       | $\vdash$     | ⊢            | Н        | $\vdash$   | $\vdash$   | ⊢        | ┢╌       | $\vdash$     | H              | $\vdash$    | 85           | $\vdash$   | $\vdash$ | Н               | $\dashv$ | $\dashv$ | -         | $\dashv$ | $\vdash$ | $\vdash$        | -        | 135      |                 | +             | +        |          | $\dashv$ | +        | $\dashv$ | $\dashv$ | $\dashv$ |
| <del></del>   | 36       | $\vdash$     | $\vdash$     | $\vdash$ | -  | $\vdash$   | ╁        | ╁        | $\vdash$     | $\vdash$       | -           | 86           | $\vdash$   |          | Н               | $\vdash$ | $\dashv$ |           | -        | $\vdash$ | $\vdash\vdash$  |          | 136      | $\vdash$        | $\dashv$      | +        | -+       | $\dashv$ | +        | $\dashv$ | $\dashv$ | $\dashv$ |
| -             | 37       | -            | $\vdash$     |          | -  |  | ├        | ╁        | -            | $\vdash$       |             | 87           | $\vdash$   | $\vdash$ | Н               | $\dashv$ | $\dashv$ |           | _        | $\vdash$ | $\vdash$        | -        | 137      | $\vdash$        | +             | +        | +        | +        | $\dashv$ | $\dashv$ | +        | $\dashv$ |
|               | 38       | $\vdash$     | -            |          | -  | $\vdash$   | ├-       | ╁        | ├            | $\vdash$       | -           | 88           | $\vdash$   | $\vdash$ | Н               | $\dashv$ | $\dashv$ | $\dashv$  |          | $\vdash$ | $\vdash$        | -        | 138      | $\vdash$        | +             | +        | -        | +        | +        | +        | +        |          |
| <b></b>       | 39       | ┝            | -            | H        | <b> </b>   | $\vdash$   | $\vdash$ | ╁        | ⊢            | H              | -           | 89           | -  | -        | Н               | $\vdash$ | $\dashv$ |           | $\dashv$ | $\vdash$ | $\dashv$        |          | 138      | $\vdash$        | +             | +        | +        | $\dashv$ | +        | +        | $\dashv$ | $\dashv$ |
| $\vdash$      | 40       | $\vdash$     | $\vdash$     |          | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$     | H              | $\vdash$    | 90           | $\vdash$   | $\vdash$ | $\vdash$        | $\vdash$ |          | -         | $\dashv$ | $\vdash$ | $\vdash$        | -        |          | $\vdash$        | +             | +        | +        | $\dashv$ | +        | +        | $\dashv$ | $\dashv$ |
| -             |          | ├-           | -            |          | <u> </u>   | ├-   | ├        | ⊢        | ⊢            | $\vdash\vdash$ |             |              | H  | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ |           |          | $\vdash$ | $\dashv$        |          | 140      | $\vdash$        | +             | +        | +        | +        | -        | -+       | $\dashv$ | _        |
|               | 41       | $\vdash$     | -            | Н        | <del> </del>                                     | -  | $\vdash$ | ⊢        | $\vdash$     | Н              | $\vdash$    | 91           | <del> </del>                                     | -        | $\vdash$        | $\vdash$ | $\dashv$ | _         | $\dashv$ | Н        | $\vdash\vdash$  | _        | 141      | $\vdash$        | +             | +        | -+       | +        | +        | $\dashv$ | +        | 4        |
|               | 42       |              |              |          | $\vdash$   | $\vdash$   | ├        | ├        | -            | $\vdash$       |             | 92           | $\vdash$   | -        | $\vdash \vdash$ | $\dashv$ |          |           | $\dashv$ | $\vdash$ | $\dashv$        | -        | 142      | $\vdash$        | -             | +        | +        | +        | +        | $\dashv$ | $\dashv$ | 괵        |
| -             | 43       | <u> </u>     | ┝            |          |  | -  | $\vdash$ | ┢        | ⊢            | H              | -           | 93           | H  | -        | $\vdash$        | $\vdash$ | $\dashv$ | _         | $\dashv$ | Н        | $\dashv$        | <u> </u> | 143      | $\vdash$        | +             | +        | +        | 4        | $\dashv$ |          | +        | 긕        |
| -             | 44<br>45 | ├—           | $\vdash$     | H        | <u> </u>   | -  | ⊢        | $\vdash$ | -            | $\vdash$       | _           | 94<br>95     |  | -        | $\vdash$        | $\vdash$ | $\dashv$ |           |          | $\vdash$ | $\vdash$        |          | 144      | $\vdash$        | +             | +        | +        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
| -             |          | $\vdash$     | <del> </del> | H        | <del> </del> —                                   | $\vdash$   | ├-       | ╁        | -            | $\vdash$       |             |              |  | $\vdash$ | $\vdash \vdash$ |          | $\dashv$ |           | $\dashv$ | $\vdash$ | $\vdash \vdash$ | -        | 145      | $\vdash$        | +             | +        | +        | +        | -        | $\dashv$ | +        | 긕        |
|               | 46       | <del>-</del> | $\vdash$     | -        | -  | ├-   | ├        | $\vdash$ | $\vdash$     | $\vdash\vdash$ | $\vdash$    | 96           |  | -        | $\vdash \dashv$ | $\dashv$ |          | _         | -        | Н        | $\dashv$        | -        | 146      | $\vdash \vdash$ | +             | +        | -        | 4        | -+       | -+       | +        | ᅴ        |
| -             | 47<br>48 | <del> </del> | H            |          | <del> </del>                                     | ⊢  | $\vdash$ | ⊢        |              | $\vdash$       | -           | 97<br>98     | -  |          | $\vdash$        |          | $\dashv$ | _         | -        | Н        | $\vdash$        | -        | 147      | $\vdash \vdash$ | +             | +        | +        | +        | $\dashv$ | -+       | -+       | 4        |
|               | 48       |              | -            |          | $\vdash$   | ├-   | ├        | ├        | <del> </del> | $\vdash$       |             | 99           | ┝  | _        | $\vdash \vdash$ | -        |          | -         | $\vdash$ | $\vdash$ | $\dashv$        | <b> </b> | 148      | $\vdash$        | -+-           | +        | +        | $\dashv$ | +        | $\dashv$ | $\dashv$ | ᅴ        |
|               | 50       | $\vdash$     | $\vdash$     | _        | $\vdash$   | ├─   | ├        | ├        | -            | H              |             | 100          | ⊢  | -        | $\vdash$        | $\vdash$ | $\dashv$ |           | $\dashv$ |          | $\dashv$        | -        | 149      | $\vdash$        | +             | - -      | $\dashv$ | +        | -        | $\dashv$ | $\dashv$ | ᆛ        |
|               | υ        | L            |              |          |  |  | Щ.       |          | $_{\rm L}$   |                | L           | TUU          | L  |          | ı I             |          | - 1      |           |          | LJ       |                 |          | 150      | ı I             | - 1           |          | - 1      | ı        |          |          | L        | ŧ        |